

STATUS OF CLAIMS

<u>Claim No.</u>	<u>Status</u>
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2	Cancel
3	Cancel
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48	New
49	New
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52	New
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55                   New  
56                   New

CLAIMS AMENDMENTS

1-37 (Cancel)

A self contained and complete personnel guidance and location control system for guiding a group of walking pedestrian individuals into a line thereof and controlling movement thereof, said guidance and location control system comprising:

- a) at least one ground cover substrate for disposition on a ground surface;
- b) at least one end of line element associated with an endmost of said cover substrates [if more than one and] in a fixed location thereon, said at least one end of the line element comprising wait state indicia, said wait state indicia defining the fixed location as an end of a line for a queue of pedestrian individuals;
- c) a pair of spaced apart path forming members associated with each of said ground cover substrates in a fixed location thereon relative to the end of line element, said path forming members defining pathway boundaries at the sides thereof and extending from regions in proximity to opposite ends of the end of line element to define a pathway of movement for the group of pedestrian individuals;

- d) at least one movement indicator element on said pathway between the spaced apart pathway boundaries to depict the direction of movement in that pathway so that the individuals move to the end of the line position;
- e) said at least one substrate having a width, wherein said width of the substrate or [the] a width between [of said pair of spaced apart] said pathway boundaries or a combination thereof are adapted to arrange said group of pedestrian individuals into a line of individuals; and
- f) means associated with said end of line element and small discrete path forming members for locating same with the cover substrates, [and where the end of the line element and the pair of spaced apart path forming members, and the movement indicator element for the guidance and location control system are incorporated on at least one or more of said ground cover substrates; and
- g) wherein said at least one ground cover substrate having said at least one end of [a] line element, said pair of spaced apart [rows]

path forming members, said widths and said at least one movement indicator element [forms] form a means for queuing said group of pedestrian individuals into said line of individuals along said at least one substrate to said at least one end of line element having said wait state indicia.

39 (New)

The personnel guidance and location control system of Claim 38 further characterized in that at least one physical upstanding element is associated with said ground cover substrate and alerts the pedestrian individuals to a change of direction.

40 (New)

The personnel guidance and location control system of Claim 39 further characterized in that the physical upstanding element comprises a guide post having a plate and an upstanding member extending from said plate and is located at the edge of one of said substrates.

41 (New)

The personnel guidance and location control system of Claim 39 further characterized in that said guide post is relatively light

in weight and movable from one location to another.

42 (New)

The personnel guidance and location control system of Claim 39 further characterized in that said guide post does not primarily serve as a physical barrier but is visually apparent to guide the pedestrian individuals.

A system for controlling movement and standing locations for a group of pedestrian individuals in an orderly fashion and presenting informational messages in connection therewith, said system comprising:

- a) a ground cover substrate for disposition on a ground surface;
- b) at least one end of line element associated with said cover substrate and in a fixed location thereon for defining an end of a line of the group of pedestrian individuals and representing a waiting location for the individual at the front end of the line;
- c) wait state indicia associated with the end of the line element defining the fixed location of the end of the line element as a location for a queue of said pedestrian individuals;
- d) a plurality of small discrete path forming elements associated with said ground cover substrate in a fixed location thereon and extending from regions in proximity to opposite ends of the end of line element to define a pathway of movement for the group of

- pedestrian individuals and pathway boundaries at the sides thereof;
- e) at least one movement indicator element on said pathway of movement between the spaced apart pathway boundaries to indicate [the] a direction of movement in [that] the pathway to the end of the line position, said at least one movement indicator element thereby cooperating with the path forming members to [present a desired] indicate the pathway and [a] the direction of movement to the end of the line position;
  - f) said at least one substrate having a width, wherein said width of the substrate or [the] a width of said [pair of spaced apart] pathway boundaries or a combination thereof are adapted to arrange said group of pedestrian individuals into a line of individuals;
  - g) whereby said ground cover substrate having said at least one end of the line element, said [pairs of path forming elements] pathway boundaries, said width, and said at least one movement indicator element cooperate to form a means for queuing said group of pedestrian

- individuals into said line of individuals along said at least one substrate to said at least one elongate element having said wait state indicia;
- h) a first informational message and a second informational message and at least one of said first and second informational messages having information related to the purpose of the pedestrian individuals being controlled in movement, said first informational message being located at said substrate and which is substitutable so that said second informational message may be readily and quickly substituted at said substrate for said first informational message so that only said second message is visibly presented; and
  - i) said substrate comprising at least a first layer of a relatively rigid material, which has a generally transparent portion allowing a pedestrian individual in a standing position to readily observe said informational message; said first layer providing sufficient weight to the substrate so that edges do not curl when disposed on a ground substrate. [; and]

[j) whereby all of the components necessary for controlling movement and standing locations for the group of pedestrian individuals are present at said substrate.]

44 (New)

The system of Claim 43 further characterized in that said first informational message is located at an underside of said first layer and under a generally transparent portion of said first layer so that said first informational message appears directly through said first layer.

45 (New)

The system of Claim 43 further characterized in that the first informational message is comprised of ink which is printed on the underside of the first layer.

46 (New)

The system of Claim 43 further characterized in that the first informational message is printed on a sheet material located at an underside of said first layer and appears through a transparent portion of said first layer.

47 (New)

The system of Claim 43 further characterized in that said second informational message can be substituted for said first informational message by applying an applique to said first layer located over the first informational message.

48 (New)

The system of Claim [30] 43 further characterized in that said substrate comprises a second layer [and a third layer] and which are [all] secured to one another to form the substrate; and first layer is comprised of a polycarbonate material and said second layer is comprised of an acrylonitrile butadiene styrene co-polymer and where said first layer has a thickness of no greater than one-fourth inch and said second layer has a thickness of no greater than one-fourth inch.

A method of controlling and guiding the movement of a group of pedestrian individuals on a ground cover substrate and forming such pedestrian individuals in a line of such individuals to an end of a line position and to a destination in advance of the end of the line position and simultaneously providing an informational message to said one or more pedestrian individuals, said method comprising:

- a) applying a ground cover substrate to a ground surface and having an upper surface on said substrate for walking disposition by said one or more pedestrian individuals;
- b) providing an end of the line or waiting position defining element on said upper surface of said substrate in a fixed position thereon and which defines an end of a line position of the group of walking pedestrian individuals or and representing a waiting location for the individual at the front end of the line;
- c) [also] providing a pathway of movement for the group of individuals by applying to said substrate a plurality of spaced apart path forming members associated with said cover substrate in a fixed location thereon [and

- extending in parallel lines of said path forming members relative to the end of line element and extending] which [extends] extend in parallel lines from regions in proximity to opposite ends of the end of line element [to form a pathway of movement with a width adapted to arrange said group of pedestrian individuals into a line of such individuals and where the boundaries of such pathway comprised of the path forming members] which are in close proximity to opposite longitudinal edges of said ground cover substrate to form said pathway of movement;
- d) [further] providing wait state indicia associated with the end of the line or waiting position defining [element defining the fixed location of the end of the line element as a location for a queue of said pedestrian individuals];
  - e) providing at least one movement indicator element on said pathway between the [spaced apart boundaries] parallel lines to present a desired direction of movement to the end of the line position or to the end of the line or

- waiting position defining element fixed position;
- f) [the] a width of the substrate or [the] a width of said pair of spaced apart pathway boundaries or a combination thereof being established to arrange said group of pedestrian individuals into [a] said line of individuals; and
- g) allowing each of the individuals who reach the front end of the line to wait their turn at the end of the line or waiting position defining element until they are ready to be received at the destination.

50 (New)

The personnel guidance and location control system of Claim 38 further characterized in that [said] an upper surface of said substrate is relatively free of elements which would obstruct the prominence of the end of the line element and the lines of path forming elements and the [plurality of] at least one movement indicator [elements] element so that the pathway is not visually obstructed.

51 (New)

The personnel guidance and location control system of Claim 38 further characterized in that at least one upstanding guide post is located in proximity to an edge of said at least one ground cover substrate and at a region of the substrate when the pathway of movement changes direction; said guide post effectively defining a change in direction of the pathway and also cooperating with the path forming members which also show a change of direction to alert the group of pedestrian individuals in the pathway of a potential change of direction of the pathway before reaching that change of direction.

52 (New)

The personnel guidance and location control system of Claim [38] 49 further characterized in that said path forming members are each comprised of a plurality of spaced apart small discrete path forming elements.

53 (New)

The personnel guidance and location control system of Claim 38 further characterized in that the at least one movement indicator element comprises a plurality of movement indicator elements [which are located at said mat] and have a representation of a footprint

to cause the pedestrian individuals to enter into and follow the pathway.

54 (New)

The personnel guidance and location control system of Claim [39] 53 further characterized in that the movement indicator elements are footprints.

The personnel guidance and location control system of Claim 43 further characterized in that said substrate comprises a [first layer being the end of the line or unity position and the path forming members and wait state indicator and at least one movement indicator element, and a second] layer of a relatively flexible material secured to said first layer and which aids in allowing the substrate to be rolled and also to be treated as a rigid mat.

A self contained and complete personnel guidance and location control system for guiding a group of walking pedestrian individuals into a line thereof and controlling movement thereof, said guidance and location control system comprising:

- a) at least one ground cover substrate for disposition on a ground surface;
- b) said ground cover substrate being comprised of:
  - 1) a first layer comprising a relatively rigid and generally transparent polycarbonate material, said substrate being of sufficient weight and thickness that the edges of the substrate do not curl when laid on a ground surface;
  - 2) a relatively flexible second layer comprised of a styrene based copolymer material and being secured to said first layer, said second layer providing those properties which allow the [mat] substrate to be rolled and which also provide

- some degree of rigidity to the [mat]  
substrate; and
- 3) a bonding layer between said first  
and second layers to cause a bonding  
of the two to allow the substrate to  
be rolled or laid as a mat;
  - c) at least one end of line element associated  
with an endmost of said cover substrates [if  
more than one] and in a fixed location thereon  
for defining an end of a line of the group of  
walking pedestrian individuals and  
representing a waiting location for the  
individual at the front end of the line so  
that the individuals may proceed to a  
destination in advance of the front end of the  
line in an orderly and successive manner;
  - d) a pair of spaced apart path forming members  
associated with each of said ground cover  
substrates in a fixed location thereon  
relative to the end of line element, said path  
forming members defining pathway boundaries at  
the sides thereof and extending from regions  
in proximity to opposite ends of the end of  
line element to define a pathway of movement

for the group of pedestrian individuals and which pathway is sized with a width arranged to cause individuals to enter and proceed in said pathway and form a line of such individuals;

- e) wait state indicia associated with the end of the line element defining the fixed location of the end of the line element as a location for a queue of said pedestrian individuals;
- f) at least one movement indicator element on said pathway between the spaced apart pathway boundaries and being presented to depict [the] a direction of movement in that pathway so that the individuals move to the end of the line position; and
- g) [means associated with said end of line element and small discrete path forming members for locating same with the at least one ground cover substrate,] whereby the ground cover substrate and end of line element and spaced apart path forming members and said width of such [path] pathway of movement form a means for queuing said pedestrian individuals into a line of walking pedestrian

individuals along said [path] pathway of movement on said substrate to said end of the line element.